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NEW MEXICO ENVIRONMENT DEPARTMENT

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BUTCH TONGATE
Cabinet Secretary-Designate

J. C. BORREGO
Deputy Secretary

Certified Mail – Return Receipt Requested

January 9, 2017

Rick Vitale
Plant Manager
Materion Corporation
5941 Midway Park Pl
Albuquerque, NM 87109

Re: Materion Refinery, Unpermitted Discharge/MSGP; SIC 3341; NPDES Compliance Evaluation Inspection; NPDES #NMU001926, December 12, 2016

Dear Mr. Vitale:

Enclosed please find a copy of the report and check list for the referenced inspection that the New Mexico Environment Department (NMED) conducted at your facility on behalf of the U.S. Environmental Protection Agency (USEPA). This inspection report will be sent to the USEPA in Dallas for their review. These inspections are used by USEPA to determine compliance with the National Pollutant Discharge Elimination System (NPDES) permitting program in accordance with requirements of the federal Clean Water Act.

You are encouraged to review the inspection report, required to correct any problems noted during the inspection, and advised to modify your operational and/or administrative procedures, as appropriate. If you have comments on or concerns with the basis for the findings in the NMED inspection report, please contact us (see the address below) in writing within 30 days from the date of this letter. Further, you are encouraged to notify in writing both the USEPA and NMED regarding modifications and compliance schedules at the addresses below:

NPDES Enforcement Coordinator
Environmental Protection Agency, Region 6
NPDES Enforcement Branch (6EN-WM)
1445 Ross Avenue, Suite 1200
Dallas, Texas 75202-2733

Program Manager
New Mexico Environment Department
Surface Water Quality Bureau (N2050)
Point Source Regulation Section
P.O. Box 5469
Santa Fe, New Mexico 87502

If you have any questions about this inspection report, please contact Jennifer Foote at (505)827-0596 or at Jennifer.Foote@state.nm.us.

Sincerely,

/s/ Sarah Holcomb

Sarah Holcomb
Acting Program Manager
Point Source Regulation Section
Surface Water Quality Bureau

cc: Carol Peters-Wagnon, USEPA (6EN-WM), by e-mail
David Long, USEPA (6EN-WM), by e-mail
Robert Houston, USEPA (6EN), by e-mail
Darlene Whittten-Hill, USEPA (6EN), by e-mail
Bill Chavez, NMED District I by e-mail
Armando Zarrazola, Materion, by e-mail
Daniel Woodbridge, Materion, by e-mail



Form Approved
OMB No. 2040-0003
Approval Expires 7-31-85

NPDES Compliance Inspection Report

Section A: National Data System Coding

Transaction Code	NPDES	yr/mo/day	Inspec. Type	Inspector	Fac Type
1 <input type="text" value="N"/> 2 <input type="text" value="5"/> 3 <input type="text" value="N"/> <input type="text" value="M"/> <input type="text" value="U"/> 0 <input type="text" value="0"/> 1 <input type="text" value="1"/> 9 <input type="text" value="2"/> 6 <input type="text" value="1"/> 11 <input type="text" value="1"/> 12 <input type="text" value="6"/> 1 <input type="text" value="1"/> 2 <input type="text" value="1"/> 2 <input type="text" value="1"/> 17 <input type="text" value="18"/> <input type="text" value="~"/> 19 <input type="text" value="S"/> 20 <input type="text" value="2"/>	Remarks				
<input type="text" value="P"/> <input type="text" value="R"/> <input type="text" value="I"/> <input type="text" value="M"/> <input type="text" value="A"/> <input type="text" value="R"/> <input type="text" value="Y"/> <input type="text" value="M"/> <input type="text" value="E"/> <input type="text" value="T"/> <input type="text" value="A"/> <input type="text" value="L"/> <input type="text" value="S"/>					
Inspection Work Days	Facility Evaluation Rating	BI	QA	Reserved	
67 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> 69	70 <input type="text" value="3"/>	71 <input type="text" value="N"/>	72 <input type="text" value="N"/>	73 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/>	74 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> 75 <input type="text" value=""/> <input type="text" value=""/> <input type="text" value=""/> 80

Section B: Facility Data

Name and Location of Facility Inspected (For industrial users discharging to POTW, also include POTW name and NPDES permit number)	Entry Time /Date 12/12/16 1pm	Permit Effective Date 6-4-2015
MATERION CORPORATION REFINERY 6905 Washington St NE Albuquerque, NM 87109 Take Osuna Exit west from I -25. Turn right on Washington St, drive to end, facility is on left. Bernalillo County	Exit Time/Date 12/12/16 3:15 pm	Permit Expiration Date 6-4-2020
Name(s) of On-Site Representative(s)/Title(s)/Phone and Fax Number(s) Armando Zarrazola, Lab Manager, 505-342-5511 Dan Woodbridge, EHS Manager, 505-342-5580	Other Facility Data	
Name, Address of Responsible Official/Title/Phone and Fax Number Rick Vitale, Plant Manager 5941 Midway Park NE Albuquerque NM 87109	Contacted Yes <input type="text" value=""/> No <input checked="" type="text" value="x"/>	SIC 3341 Sector F

Section C: Areas Evaluated During Inspection

(S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated)

U	Permit	N	Flow Measurement	S	Operations & Maintenance	N	CSO/SSO
M	Records/Reports	S	Self-Monitoring Program	N	Sludge Handling/Disposal	N	Pollution Prevention
S	Facility Site Review	N	Compliance Schedules	N	Pretreatment	N	Multimedia
N	Effluent/Receiving Waters	N	Laboratory	S	Storm Water	N	Other:

Section D: Summary of Findings/Comments (Attach additional sheets if necessary)

1. Inspectors Jennifer Foote and Daniel Valenta with NMED-SWQB arrived at facility at 1pm on 12/12/16 and Ms. Foote presented credentials to Dan Woodbridge, EHS Manager. Inspectors toured the facility with Mr. Woodbridge, Mr. Armando Zarrazola, and a facility guard. Exit interview was conducted with Mr. Woodbridge.
2. See attached sheets for further details.

Name(s) and Signature(s) of Inspector(s) Jennifer Foote /s/ Jennifer Foote	Agency/Office/Telephone/Fax NMED/SWQB 505-827-0596	Date 1/9/17
Signature of Management QA Reviewer Sarah Holcomb, Acting Program Manager /s/ Sarah Holcomb	Agency/Office/Phone and Fax Numbers NMED/SWQB 505-827-2798	Date 1/9/17

NPDES Industrial Storm Water Checklist (MSGP)

<u>National Database Information</u>		<u>General</u>	
Inspection Type	Compliance Evaluation	Inspector Name	Jennifer Foote
NPDES ID Number	NMU001926	Telephone	505-827-0596
Inspection Date	12/12/16	Entry Time	1 pm
Inspector Type (circle one)	<input type="checkbox"/> EPA <input checked="" type="checkbox"/> State <input type="checkbox"/> EPA Oversight	Exit Time	3:15pm
Facility Sector/ SIC/Activity Code	Sector F/ SIC 3341	Signature	/s/ Jennifer Foote

<u>Facility Location Information</u>				
Name/Location/ Mailing Address	MATERION CORPORATION REFINERY 6905 Washington St NE Albuquerque, NM 87109			
GPS Coordinates	Latitude	35.1591	Longitude	-106.5990
Receiving Water(s)	S. Pino Arroyo Channel thence to Rio Grande Segment 20.6.4.106			

<u>Contact Information</u>		
	Name(s)	Telephone
Name(s) and Role(s) of All Parties Meeting the Definition of Operator	Rick Vitale Plant Manager	505-345-1805
Facility Contact	Dan Woodbridge	505-342-5580
Authorized Official(s)	Rick Vitale	505-345-1805

<u>Basic Permit Information</u>			<u>Basic SWPPP Information</u>		
Permit Coverage	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	SWPPP Prepared & Available	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N
Permit Type	<input checked="" type="checkbox"/> General	<input type="checkbox"/> Individual	SWPPP Contents Satisfactory	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
Operational Date	Facility: 1977 Current operator: 2010		SWPPP Implementation Satisfactory	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
NOI/Application Date	n/a		SWPPP Date	Rev 3 3/24/2016	
If applicable, is no exposure certification on file?	<input type="checkbox"/> Y	<input type="checkbox"/> N <input checked="" type="checkbox"/> N/A			

NPDES Industrial Storm Water Checklist (MSGP)

SWPPP Review			
General		Notes:	
Was the SWPPP completed prior to NOI submission?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	SWPP is originally dated July 30, 2015 with Rev 3 3/24/16. Current SWPPP Certification is dated 3/28/16.
Copy of the NOI and acknowledgment letter from EPA?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Plan refers to 2008 MSGP number NMR05GD28. A 2015 NOI application dated 9/2/2015 was provided (attachment A), but it was not completely submitted to the NeT-MSGP system and no acknowledgement letter is available. A search of the EPA's Enforcement and Compliance History Online (ECHO) system listed only the expired 2008 permit.
Copy of the permit language?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Plan states permit is available via company intranet.
Have copies of inspection reports/all other documentation been retained as part of the SWPPP for 3 years from date permit coverage expires?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Only inspections from current permit term were provided with current plan.
Does the SWPPP contain a signed/certified statement indicating that the site is inactive and unstaffed, and that there are no industrial materials or activities exposed to precipitation, in accordance with the substantive requirements in 40 CFR 122.26(g)(4)(iii)? Applicable to: <ul style="list-style-type: none"> Routine facility inspection (4.1.3) Quarterly visual assessment (4.2.3) Benchmark monitoring (6.2.1.3). 	<input type="checkbox"/> Y	<input type="checkbox"/> N	N/A
Does the SWPPP include copies of relevant parts of other documents (e.g., SPCC) referenced in the SWPPP?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	SPCC for chemicals was included with SWPPP
Does the SWPPP include documentation to support eligibility under the Endangered Species Act?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Does the SWPPP include documentation to support eligibility under the Historic Preservation Act?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Does the SWPPP include documentation to support eligibility under NEPA (New Source)?	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a
Did all "operators" sign/certify the SWPPP?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Is the storm water pollution prevention team identified (name or title)?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Are the storm water pollution prevention team's responsibilities identified?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	

NPDES Industrial Storm Water Checklist (MSGP)

<u>Site Description</u>			Notes:
SWPPP provides a description of the facility's industrial activities?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Is there a general location map (e.g., USGS quadrangle map) with enough detail to identify the location of the facility and all receiving waters for storm water discharges?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	General location map does not clearly show locations of receiving waters.
Is there a site specific site map?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Does the site map contain the size of the property in acres?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Size of property is in written site description in Plan.
Does the site map contain the location and extent of significant structures and impervious surfaces?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Does the site map contain directions of storm water flow (indicated by arrows)?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Does the site map contain locations of all existing structural control measures?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
Does the site map contain locations of all receiving waters in the immediate vicinity of the facility, indicating if any of the waters are impaired, and if so, whether the waters have TMDLs established for them?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Site map does not include information on impairments and TMDL, information is included in written plan only.
Does the site map contain locations of all storm water conveyances including ditches, pipes and swales?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
Does the site map contain locations of all potential pollutants and significant materials identified under Part 5.1.3.2?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
Does the site map contain locations where significant spills or leaks identified under Part 5.1.3.3 have occurred?	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a
Does the site map contain locations of all storm water monitoring points?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
Does the site map contain locations of storm water inlets and outfalls, with a unique identification (e.g., 001, 002) for each outfall and if substantially identical?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
Does the site map contain municipal separate storm sewers and where the facility discharges to them?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
Does the site map contain locations and descriptions of all non-storm water discharges?	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a

NPDES Industrial Storm Water Checklist (MSGP)

Site Description			Notes:
<p>Does the site map contain locations of the following activities where these activities are exposed to precipitation?</p> <ul style="list-style-type: none"> Fueling stations Vehicle and equipment maintenance and/or cleaning areas Loading/unloading areas Locations used for the treatment, storage or disposal of wastes Liquid storage tanks Processing and storage areas Immediate access roads and rail lines used or travelled by carriers of raw materials, manufactured products, waste materials, or by-products used or created by the facility Transfer areas for substances in bulk Machinery 	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
Does the site map contain locations and sources of run-on to the site from adjacent property that contains significant quantities of pollutants?	<input type="checkbox"/> Y	<input type="checkbox"/> N	N/A
Does the SWPPP document areas at the facility where industrial materials or activities are exposed to storm water and from which allowable non-storm water discharges are released?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Specific locations of activities are not described.
Does the SWPPP include a list of the industrial activities exposed to storm water (e.g., material storage; equipment fueling, maintenance, and cleaning; cutting steel beams)?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Does the SWPPP include a list of pollutants and/or pollutant constituents associated with each identified activity?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Does the SWPPP include documentation of where spills and leaks occurred for three years prior to the preparation of the SWPPP?	<input type="checkbox"/> Y	<input type="checkbox"/> N	<p>n/a</p> <p>Facility stated no spill or leaks have occurred in the past 3 years.</p>

NPDES Industrial Storm Water Checklist (MSGP)

<u>Site Description</u>		Notes:	
<p>Does the SWPPP include a non-storm water discharge evaluation in the SWPPP? Does it include:</p> <ul style="list-style-type: none"> Date Description of evaluation criteria List of the outfalls or onsite drainage points directly observed Different types of non-storm water discharges and source locations Actions taken such as a list of control measures for elimination. 	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<p>Does salt storage occur at this facility?</p>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
<p>Does the SWPPP include a summary of storm water sampling data for the previous permit term?</p>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
<u>Controls to Reduce Pollutants</u>		Notes:	
<p>Does the SWPPP include documentation of the location and type of control measures at the facility to comply with the requirements in Part 2?</p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<p>Does the SWPPP include documentation that selection and design of control measures were based on a consideration of the practices and procedures in Part 2.1.1?</p>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
<p>Does the SWPPP include measures to minimize the exposure of manufacturing, processing, and material storage areas (including loading and unloading, storage, disposal, cleaning, maintenance, and fueling operations) to rain, snow, snowmelt, and runoff by either locating these industrial materials and activities inside or protecting them with storm resistant coverings?</p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
<p>Does the SWPPP include good housekeeping measures (e.g., keeping all exposed areas that are potential sources of pollutants clean, using such measures as sweeping at regular intervals, keeping materials orderly and labeled, and storing materials in appropriate containers)?</p>	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<p>Plan includes a table for documenting monthly sweeping. The table has not been used.</p>

NPDES Industrial Storm Water Checklist (MSGP)

Controls to Reduce Pollutants			Notes:
Does the SWPPP include a schedule for pickup and disposal of wastes and routine inspections of tanks and drums?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
Does the SWPPP include preventative maintenance procedures, including regular inspections, testing, maintenance, and repair of all industrial equipment and systems, and control measures, and back-up practices should a runoff event occur while a control measure is off-line?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	No back up method for the automated stormwater sampling is described in the plan.
Does the SWPPP include a schedule for preventative maintenance procedures?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Does the SWPPP include procedures for minimizing the potential for leaks, spills and other releases that may be exposed to storm water and develop plans for effective response to such spills if or when they occur?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Does the facility implement procedures for plainly labeling containers (e.g., "Used Oil," "Spent Solvents," "Fertilizers and Pesticides," etc.) that could be susceptible to spillage or leakage to encourage proper handling and facilitate rapid response if spills or leaks occur?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Containers are grouped by contents, but labels are sometimes hard to access. Empty drums are not labeled as such. No description of which chemicals are liquid or solid included in plan.
Does the facility implement preventative measures such as barriers between material storage and traffic areas, secondary containment provisions, and procedures for material storage and handling?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	No barriers were located between loading dock and drums of silver nitrate, photo 1. Outdoor drums and tanks containing liquids were stored on containment pallets, photo 2.
Does the facility implement procedures for expeditiously stopping, containing, and cleaning up leaks, spills, and other releases?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Plan included procedures, however, indoor equipment had overflowed sodium bisulfate and run under a door to the exterior about a week ago and was not cleaned up in that time, photo 3.
Does the facility train employees who may cause, detect, or respond to a spill or leak in these procedures and have necessary spill response equipment available?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Plan states pollution prevention team member employees are trained in depth. Training documentation provided to inspectors only covered annual basic stormwater refresher training.
Does the facility document and follow procedures for notification of appropriate facility personnel, emergency response agencies, and regulatory agencies?	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a

NPDES Industrial Storm Water Checklist (MSGP)

<u>Controls to Reduce Pollutants</u>			Notes:
Does the SWPPP document erosion and sediment controls?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Does the facility stabilize exposed areas and contain runoff using structural and/or non-structural control measures to minimize onsite erosion and sedimentation, and the resulting discharge of pollutants?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Does the facility place flow velocity dissipation devices at discharge locations and within outfall channels where necessary to reduce erosion and/or settle out pollutants?	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a
If the facility stores salt at this facility, are the piles enclosed or covered? Does the facility implement appropriate measures (e.g., good housekeeping, diversions, containment) to minimize exposure resulting from adding to or removing materials from the pile?	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a
Employee Training – is there a schedule for regular (at least annually) employee training?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	Plan states all staff are trained and receive annual refresher training. Only two of the four members of pollution prevention team were included on annual refresher training roster provided from 3/9/16.
Does training cover both the specific control measures used to achieve the effluent limits in Part 2 and monitoring, inspection, planning, reporting, and documentation requirements in other parts of the permit?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	SWPP Plan states that pollution prevention staff are trained in depth. No records of in depth training were provided.
Does the facility ensure that waste, garbage, and floatable debris are not discharged to receiving waters by keeping exposed areas free of such materials or by intercepting them before they are discharged?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Does the facility minimize generation of dust and off-site tracking of raw, final, or waste materials?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Has the facility eliminated non-storm water discharges not authorized by an NPDES permit?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	

NPDES Industrial Storm Water Checklist (MSGP)

Inspections (Part 4)			
<u>General</u>			Notes:
Routine Facility Inspections			
Are routine facility inspections conducted at least quarterly while facility operating?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	Inspections were conducted 9/7/15, 1/11/16, 4/8/16, 8/3/16
Are inspections documented, including: <ul style="list-style-type: none"> Date and time Name and signature of inspector Weather information and a description of discharge occurring at the time of the inspection Previously unidentified discharges from site Control measures needing maintenance or repairs Failed control measures that need replacement Incidents of noncompliance observed Additional control measures needed. 	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	Inspections do not include time and weather information
Exceptions, including (see 4.1.3): <ul style="list-style-type: none"> Inactive and unstaffed sites 	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a
Quarterly Visual Assessment			
Are quarterly visual assessments conducted?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	Visual monitoring performed 10/21/15, 6/2/16, 8/3/16, 11/5/16. Facility personnel stated first quarter sample was missed due to equipment malfunction and arid period. Review of rainfall records for area showed only one rain event that quarter over 0.1".
Does the assessment consist of a sample collected: <ul style="list-style-type: none"> Within the first 30 minutes of discharge On discharges that occur at least 72 hours (3 days) from the previous discharge Collected in a clean, clear glass or plastic container. 	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	Facility uses an automatic sampler to collect sample.

NPDES Industrial Storm Water Checklist (MSGP)

Inspections			
Are assessments documented, including: <ul style="list-style-type: none"> • Sample location • Sample collection date/time & visual assessment date/time • Personnel collecting sample & performing assessment and their signature • Nature of the discharge (runoff or snowmelt) • Results of observations (including color, odor, clarity, floating solids, settled solids, suspended solids, foam, oil sheen and other obvious indicators) • Probable sources of contamination • If applicable, reason for not taking samples within 1st 30 minutes. 	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
Exceptions, including (see 4.2.3): <ul style="list-style-type: none"> • Adverse weather conditions • Climates with irregular storm water runoff • Areas subject to snow • Substantially identical outfalls (per 5.1.5.2) • Inactive and unstaffed sites. 	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
Comprehensive Site Inspections			
Are comprehensive site inspections conducted annually (start 9/29/08)?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	No information on annual comprehensive site inspections included in plan.
Conducted by qualified personnel including at least one member of the storm water pollution prevention team?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
Cover all areas of the facility?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
Include a review of monitoring data? Do inspectors consider the results of the past year's visual and analytical monitoring when planning and conducting inspections?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	

NPDES Industrial Storm Water Checklist (MSGP)

Inspections		
<p>Include observations of the following:</p> <ul style="list-style-type: none"> Industrial materials, residue, or trash that may have or could come into contact with storm water Leaks or spills from industrial equipment, drums, tanks, and other containers Offsite tracking of industrial or waste materials, or sediment where vehicles enter or exit the site Tracking or blowing of raw, final, or waste materials from areas of no exposure to exposed areas Control measures needing replacement, maintenance, or repair All storm water control measures observed. 	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N
<p>Are inspections documented, including:</p> <ul style="list-style-type: none"> Date of inspection Names and titles of personnel making the inspection Findings from examination of areas of facility from Part 4.3.1 All observations relating to implementation of control measures Any required revisions to the SWPPP resulting from inspection Any incidents of noncompliance identified OR certification that facility is in compliance with the permit A statement signed in accordance with Appendix B, Subsection 11 	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N

NPDES Industrial Storm Water Checklist (MSGP)

Monitoring (Part 6)																																							
<u>General</u>	Notes:																																						
Does the SWPPP contain a procedure for conducting sector (and co-located) specific benchmark monitoring?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	SWPPP states that all benchmark parameters from state specific parameters in Section 9 of the NPDES permit are sampled. Facility should update plan to only include sector specific benchmark monitoring (replacing benchmark values in Section 8.F.5 with corresponding values from Section 9.6.2.1 and not sampling all benchmark values).																																				
Does the SWPPP contain procedures for conducting effluent limitations guidelines monitoring?	<input type="checkbox"/> Y	<input type="checkbox"/> N	n/a																																				
Does the SWPPP contain a procedure for other monitoring (state or tribal specific; impaired waters; other as required)	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	SWPPP includes quarterly monitoring for e-coli. The E. coli impairment for this segment was de-listed in 2016. Facility discharges to waters impaired for PCB (no TMDL). Monitoring procedure should be revised to meet requirements of Section 6.2.4.1 impaired waters without a TMDL.																																				
Are samples analyzed in accordance with 40 CFR Part 136 methods?	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N																																					
Benchmark Monitoring																																							
Does the monitoring consist of a sample collected: <ul style="list-style-type: none"> Within the first 30 minutes of discharge On discharges that occur at least 72 hours (3 days) from the previous discharge Document the date and duration (in hours) of the rainfall event, rainfall total (snow - date only) for that rainfall Prior to commingling. 	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	No information on rainfall event included with benchmark monitoring data. No hardness submitted.																																				
Is monitoring conducted during each of the first four full quarterly (calendar) monitoring periods following permit coverage?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	No sample collected for first quarter of 2016																																				
Is the average of the first four quarterly samples < the parameter benchmark?	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Date of sample</th> <th style="text-align: left;">Copper</th> <th style="text-align: left;">units</th> <th style="text-align: left;">Zinc</th> <th style="text-align: left;">units</th> </tr> </thead> <tbody> <tr> <td>11/17/2015</td> <td>0.13</td> <td>mg/L</td> <td>0.19</td> <td>mg/L</td> </tr> <tr> <td>6/2/2016</td> <td>0.44</td> <td>mg/L</td> <td>1.1</td> <td>mg/L</td> </tr> <tr> <td>8/23/2016</td> <td>0.045</td> <td>mg/L</td> <td>0.11</td> <td>mg/L</td> </tr> <tr> <td>11/7/2016</td> <td>0.12</td> <td>mg/L</td> <td>0.66</td> <td>mg/L</td> </tr> <tr> <td>Avg.</td> <td>0.18375</td> <td>mg/L</td> <td>0.515</td> <td>mg/L</td> </tr> </tbody> </table> <p>Benchmark Values Assuming hardness of 100mg/L (hardness of receiving water not provided)</p> <table style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td>Acute</td> <td>0.013mg/L</td> <td>0.16mg/L</td> </tr> <tr> <td>Chronic</td> <td>0.009 mg/L</td> <td>0.121 mg/L</td> </tr> </tbody> </table>	Date of sample	Copper	units	Zinc	units	11/17/2015	0.13	mg/L	0.19	mg/L	6/2/2016	0.44	mg/L	1.1	mg/L	8/23/2016	0.045	mg/L	0.11	mg/L	11/7/2016	0.12	mg/L	0.66	mg/L	Avg.	0.18375	mg/L	0.515	mg/L	Acute	0.013mg/L	0.16mg/L	Chronic	0.009 mg/L	0.121 mg/L
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Chronic	0.009 mg/L	0.121 mg/L																																					

NPDES Industrial Storm Water Checklist (MSGP)

Monitoring			
<p>Is the average of the first four quarterly samples > the parameter benchmark?</p> <ul style="list-style-type: none"> Make the necessary modifications Continue quarterly monitoring Determine and document that no further pollutant reductions are technologically available and economically practicable and achievable, continue monitoring once per year, notify EPA Natural background pollutant level documentation 	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<p>Facility has not made any modifications post monitoring.</p>
<p>Exceptions, including (see 6.1 & 6.2):</p> <ul style="list-style-type: none"> Adverse weather conditions Climates with irregular storm water runoff Snowmelt Substantially identical outfalls (per 5.1.5.2) Inactive and unstaffed sites. 	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	<p>No documentation of exceptions to monitoring. Facility did not monitor for 2nd quarter, facility stated that there was low precipitation that quarter and the automatic sensor had broken.</p>
Effluent Limitations Monitoring			
<p>Sampled once per year?</p>	<input type="checkbox"/> Y	<input type="checkbox"/> N	<p>n/a</p>
<p>Follow-up requirements if discharge exceeds effluent limit (see 6.3)?</p>	<input type="checkbox"/> Y	<input type="checkbox"/> N	<p>n/a</p>
Other Required Monitoring			
<ul style="list-style-type: none"> State or Tribal provisions Discharges to impaired waters Additional monitoring required by EPA. 	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	<p>Facility sampled for pollutants in addition to sector specific benchmarks. Facility had levels exceeding benchmark values for Aluminum, Iron, Lead, Magnesium, Silver, TSS, and BOD and may want to consider implementing additional controls for those pollutants as well.</p>
Reporting (Part 7)			
<u>General</u>		Notes:	
<p>Is monitoring data reported to EPA within 30 days of receiving analytical results for the monitoring period?</p>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
<p>Is the annual report submitted by 45 days after conducting the comprehensive site inspection?</p>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	
<p>If follow-up effluent limitations monitoring results exceed numeric limits, was a report submitted to EPA no later than 30 days after results were received?</p>	<input type="checkbox"/> Y	<input checked="" type="checkbox"/> N	

NPDES Industrial Storm Water Checklist (MSGP)

SWPPP Implementation	
Measures to minimize the exposure of manufacturing, processing, and material storage areas (including loading and unloading, storage, disposal, cleaning, maintenance, and fueling operations) to rain, snow, snowmelt, and runoff	<p><i>(e.g., use grading, berming, or curbing to prevent runoff of contaminated flows and divert run-on away; locate materials, equipment, and activities so that leaks are contained in existing containment and diversion systems; clean up spills and leaks promptly using dry methods (e.g., absorbents) to prevent the discharge of pollutants; use drip pans and absorbents under or around leaky vehicles and equipment or store indoors where feasible; use spill/overflow protection equipment; drain fluids from equipment and vehicles prior to on-site storage or disposal; perform all cleaning operations indoors, under cover, or in bermed areas that prevent runoff and run-on and also that capture any overspray; and ensure that all washwater drains to a proper collection system)</i></p> <p>The east side of the facility is curbed to divert run on and contain runoff. Containment pallets are used for liquid storage. Staff stated that they move check and move uncovered materials indoors every night. A photo of the covered dumpster was provided by Mr. Armando Zarrazola on Dec 16, 2016.</p>
Good Housekeeping	<p><i>(e.g., keeping all exposed areas that are potential sources of pollutants clean, using such measures as sweeping at regular intervals, keeping materials orderly and labeled, and storing materials in appropriate containers)</i></p> <p>Outdoor storage areas were orderly.</p>
Preventative maintenance	<p><i>(e.g., regular inspections, testing, maintenance, and repair of all industrial equipment and systems, and control measures, and back-up practices should a runoff event occur while a control measure is off-line)</i></p> <p>The chiller area is coated in salts from an ongoing overflow problem into an exposed but contained area that drains to the facility's waste water pre-treatment equipment. (photo 4)</p>

NPDES Industrial Storm Water Checklist (MSGP)

SWPPP Implementation	
Spill Prevention and Response	<p><i>(e.g., minimizing the potential for leaks, spills and other releases that may be exposed to storm water and develop plans for effective response to such spills if or when they occur)</i></p> <p>No barriers are in place by drums next to loading dock (photo 1). Some white powder on ground near drums on west side (photo 2).</p> <p>Facility has a SPCC plan and plan states that all staff are trained, however, security staff and indoor staff did not report or clean up a sodium bisulfate spill that occurred a week ago (photo 3). It has not rained so the spill residue did not reach the watercourse yet.</p> <p>Chiller area has ongoing spill issues but is contained (photo 4) and drains to facility pre-treatment and sewer system.</p>
Erosion and Sediment Controls	<p><i>(e.g., stabilize exposed areas and contain runoff using structural and/or non-structural control measures to minimize onsite erosion and sedimentation, flow velocity dissipation devices at discharge locations and within outfall channels)</i></p> <p>Facility and outfall is paved.</p>
Management of Runoff	<p><i>(e.g., divert, infiltrate, reuse, contain, or otherwise reduce storm water runoff, to minimize pollutants in discharges)</i></p> <p>Run on is diverted from east side. Entire site discharges from one outfall on west side of facility.</p>
Salt Storage Piles	<p><i>(e.g., enclose or cover piles appropriate measures (e.g., good housekeeping, diversions, containment) to minimize exposure resulting from adding to or removing materials from the pile)</i></p> <p>n/a</p>

NPDES Industrial Storm Water Checklist (MSGP)

SWPPP Implementation	
Waste, Garbage and Floatable Debris	<p><i>(e.g., keep exposed areas free of such materials or by intercepting them before they are discharged)</i></p> <p>Areas were free of waste, garbage and floatable debris.</p>
Evidence of non-storm water discharges	<p>none</p>
Dust Generation and Vehicle Tracking of Industrial Materials	<p><i>(minimize generation of dust and off-site tracking of raw, final, or waste materials)</i></p> <p>none</p>

**NMED/SWQB
Official Photograph Log
Photo # 1**

Photographer: J. Foote

Date: 12/12/16

Time: 2:04pm

City/County: Albuquerque/Bernalillo

State: New Mexico

Location: Materion Refinery

Subject: silver nitrate(powder) drums next to loading dock area without traffic barriers.



**NMED/SWQB
Official Photograph Log
Photo # 2**

Photographer: D. Valenta

Date: 12/12/16

Time: 1:49pm

City/County: Albuquerque/Bernalillo

State: New Mexico

Location: Materion Refinery

Subject: White powder on ground, HNO₃ rinse liquid on containment, drums on ground are empty.



**NMED/SWQB
Official Photograph Log
Photo # 3**

Photographer: J. Foote

Date: 12/12/16

Time: 1:45pm

City/County: Albuquerque/Bernalillo

State: New Mexico

Location: Materion Refinery

Subject: Week old leak from under roll up door to outdoors.



**NMED/SWQB
Official Photograph Log
Photo # 4**

Photographer D. Valenta

Date: 12/12/16

Time: 1:50pm

City/County: Albuquerque/Bernalillo

State: New Mexico

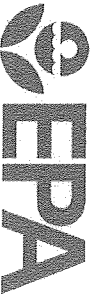
Location: Materion Refinery

Subject: Salt from overflowing equipment contained within curbed area that drains to pretreatment system but is exposed to stormwater



Appendix A

Draft 2015 Permit Application



2015 E-NOI 9/2/2015

2015 NPDES Multi-Sector General Permit For Stormwater Discharges Associated With Industrial Activity (MSGP) Forms

United States Environmental Protection Agency
1200 Pennsylvania Ave, NW Washington, DC 20460

Note: This is a "smart form"; as you fill out the form, additional questions will appear that you will need to answer.

Permit Information

1. What action would you like to take? *

☐ File a New Notice of Intent Form

Submission of this Notice of Intent (NOI) constitutes notice that the operator identified in the Facility Operator Information section of this form requests authorization to discharge pursuant to the NPDES Stormwater Multi-Sector General Permit (MSGP) permit number identified in the Permit Information section of this form. Submission of this NOI also constitutes notice that the operator identified in the Facility Operator Information section of this form meets the eligibility conditions of Part 1.1 of the MSGP for the facility identified in the Facility Information section of this form. To obtain authorization, you must submit a complete and accurate NOI form. Discharges are not authorized if your NOI is incomplete or inaccurate or if you were never eligible for permit coverage.

Operator Name (Organization Name)

Operator Name as Noted by the NOI Preparer

Materion Corporation Refinery

2. Select the state/territory where your facility is located *

☐ New Mexico

3. Is your facility located on Indian Country lands? *

☐ Yes

☒ No

4. Are you requesting coverage as a "federal operator" as defined in Appendix A? *

☐ Yes

☒ No

5. Are you a new discharger or a new source as defined in Appendix A? *

☐ Yes ☒ No

5a. Have stormwater discharges from your facility been covered previously under an NPDES permit? *

☒ Yes ☐ No

5aa. Provide your most current NPDES ID (i.e., permit tracking number) if you had coverage under EPA's MSGP 2008 or the NPDES permit number if you had coverage under an EPA individual permit *

NMR050000

6. Do you directly discharge to any of the waters of the U.S. that are designated by the state or tribal authority under its antidegradation policy as a Tier 3 water (Outstanding Natural Resource Water) (See Appendix L)? Your project will be considered to discharge to a Tier 3 water if the first water of the US to which you discharge is identified by a state, tribe, or EPA as a Tier 3 water. For discharges that enter a storm sewer system prior to discharge, the first water of the US to which you discharge is the waterbody that receives the stormwater discharge from the storm sewer system. *

☐ Yes ☒ No

7. Does your facility directly discharge to a Federal CERCLA site listed in Appendix P? For the purposes of this permit, a permittee discharges to a Federal CERCLA site if the discharge flows directly into the site through its own conveyance, or through a conveyance owned by others, such as a municipal separate storm sewer system. *

☐ Yes ☒ No

8. Has the Stormwater Pollution Prevention Plan (SWPPP) been prepared in advance of filing this NOI, as required? *

☒ Yes ☐ No

9. By indicating "Yes", I confirm that I understand that the MSGP only authorizes the allowable stormwater discharges in Part 1.1.2 and the allowable non-stormwater discharges in Part 1.1.3. Any discharges not expressly authorized under the MSGP are not covered by the MSGP and they cannot become authorized by disclosure to EPA and/or a state via this Notice of Intent to be covered by the permit or by any other means (e.g., in the Stormwater Pollution Prevention Plan or during an inspection). If any discharges requiring NPDES permit coverage other than the allowable stormwater and non-stormwater discharges listed in Parts 1.1.2 and 1.1.3 will be discharged, they must be covered under another NPDES permit. *

☒ Yes ☐ No

10. Master Permit Number

NMR050000

A: Facility Operator Information

1. Operator Name (Organization Name) *

2. Street *

6905 Washington St. NE

3. Supplemental Address

4. City *

Albuquerque

5. State *

New Mexico

6. Zip Code *

87109

7. Facility County or Similar Govt. Subdivision *

Otero

8. Phone (10-digits, No dashes) *

5053451805

9. Extension

10. E-Mail *

daniel.woodbridge@materion.com

Operator point of contact information

11. First Name *

Daniel

12. Middle Initial

13. Last Name *

Woodbridge

14. Professional Title *

EH&S Manager

B: Facility Information

1. Facility Name *

Materion Corporation Refinery

☒ Facility address same as facility operator address

2. Street/Location *

6905 Washington St. NE

3. Supplemental Address

4. City *

Albuquerque

5. State *

New Mexico

6. Zip Code *

87109

7. Facility County or Similar Govt. Subdivision *

Otero

Latitude/Longitude for the facility:

8. Latitude (Decimal Degrees) *

+ 35.1591

9. Longitude (Decimal Degrees) *

- 106.5990

10. Latitude/Longitude Data Source *

Other

11. Horizontal Reference Datum

NAD27

12. What is the ownership type of the facility *

Corporation

13. Estimated area of industrial activity at your facility exposed to stormwater (to the nearest quarter acre) *

2

Identify the applicable sector and subsector of your primary industrial activity (See Appendix D) that best represents the products produced or services rendered for which your facility is primarily engaged, as defined in the MSGP, and the 4-digit Standard Industrial Classification (SIC) code or 2-letter Activity Code:

15. Sector *

SECTOR F: PRIMARY METALS

16. Primary SIC Code *

3341: Secondary Nonferrous Metals

17. Subsector

F5: Secondary Smelting and Refining of Nonferrous Metals

18. Identify the applicable sector(s) of any co-located industrial activity for which you are requesting permit coverage.

Sector

Subsector

22. Is your facility presently inactive and unstaffed? *

☐ Yes ☒ No

C: Discharge Information

Outfalls

4. List all of the stormwater outfalls from your facility. Each outfall must be identified by a unique 3-digit ID (e.g., 001, 002) or a 4-digit ID. Also provide the latitude and longitude in decimal degrees for each outfall.

A. Outfall ID *

001

B. Latitude (Decimal Degrees) *	C. Longitude (Decimal Degrees) *
<div>+ 35.1591</div>	<div>- 106.5990</div>

(This button will prepopulate the receiving water information associated with your outfall on your form. You may edit the information that is returned if you believe it is incorrect)

If for any reason the Lookup Receiving Water Information button does not prepopulate your form with receiving waters information, you must manually enter the information on your form.

5. Multiple Receiving Waters were returned for your outfall. Please select the receiving water that is associated with your outfall from this list: *

Rio Grande River

Outfall Section

1. Provide the name of the first water of the U.S. that receives stormwater directly from the outfall and/or from the MSA that the outfall discharges to. (You may edit the name of the water of the U.S. that was returned if incorrect.) *

Rio Grande River

2. Is the receiving water listed as impaired on the 303(d) list and in need of a TMDL? *

☒ Yes ☐ No

4. List the pollutants that are causing the impairment:

Please select the cause group and pollutant for which the waterbody is impaired:

Cause Group *	Pollutant *
PATHOGENS	E. coli

Please select the cause group and pollutant for which the waterbody is impaired:

Cause Group *	Pollutant *
POLYCHLORINATED BIPHENYLS (PCBS)	Polychlorinated biphenyls [PCBS]

Please select the cause group and pollutant for which the waterbody is impaired:

Cause Group *	Pollutant *
RADIATION	Alpha, total

Please select the cause group and pollutant for which the waterbody is impaired:

Cause Group *	Pollutant *
TEMPERATURE	Temperature, water deg. centigrade

Please select the cause group and pollutant for which the waterbody is impaired:

Cause Group *	Pollutant *
ORGANIC ENRICHMENT/OXYGEN DEPLETION	Oxygen, dissolved percent saturation

3. Has a TMDL been completed for this receiving waterbody? *

☒ Yes ☐ No

TMDL Name *	TMDL ID	Pollutant Name *
TMDL For The Rio Grande Watershed		E. Coli, Fecal Coliform

Provide the following information about your outfall latitude longitude.

5. Latitude/longitude Data Source *	6. Horizontal Reference Datum
Map	NAD27

7. Does your facility discharge into a Municipal Separate Storm Sewer System (MS4)? *	7a. Provide the name of the MS4 Operator *
<input checked="" type="radio"/> Yes <input type="radio"/> No	Albuquerque Metropolitan Arroyo Flood Control Auth

8. Do you discharge to any of the waters of the U.S. that are designated by the state or tribal authority under its antidegradation policy as a Tier 2 (or Tier 2.5) water (water quality exceeds levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water) (See Appendix L)? *
<input type="radio"/> Yes <input checked="" type="radio"/> No

D. Stormwater Pollution Prevention Plan (SWPPP) Information

SWPPP Contact Information

1. First Name *	2. Middle Initial	3. Last Name *	4. Professional Title *
Daniel		Woodbridge	EH&S Manager
5. Phone (10-digits, No dashes) *	6. Extension	7. E-Mail *	
5053451805	2555	daniel.woodbridge@materion.com	

8. Your current SWPPP or certain information from your SWPPP must be made available through one of the following two options. Select one of the options and provide the required information. *
Note: You are not required to post any confidential business information (CBI) or restricted information (as defined in Appendix A) (such information may be redacted), but you must clearly identify those portions of the SWPPP that are being withheld from public access.

☐ Option 1: Maintain a Current Copy of your SWPPP on an Internet page (Universal Resource Locator or URL).

☒ Option 2: Provide the following information from your SWPPP.

A. Describe your onsite industrial activities exposed to stormwater (e.g., material storage, equipment fueling, maintenance, and cleaning, cutting steel beams), and potential spill and leak areas. *

On-site industrial activities exposed to stormwater - Material storage West and East yards, Material handling West and East yards, Equipment storage West and East yards.

Potential spill and leak areas - Nitric acid 350 gallon tote storage in NE yard, Chemical movement outside of building east and west yards, Wet scrubber holding tank leaks, Evaporator holding tank in NE area of East yard.

B. List the pollutants(s) or pollutant constituent(s) associated with each industrial activity exposed to stormwater that could be discharged in stormwater and/or in any authorized non-stormwater discharges listed in Part 1.1.3. *

Nitric acid, silver nitrate, copper hydroxide, acidic water, refractory, trace metals,

C. Describe the control measures you will employ to comply with the non-numeric technology-based effluent limits required in Part 2.1.2 and Part 8, and any other measures taken to comply with the requirements in Part 2.2 Water Quality-Based Effluent Limitations (see Part 5.2.4.1). *

Control measures for non-numeric compliance include but are not limited to:

1. Exposure minimization via reduction of outdoor storage
2. Covering exposed materials and equipment using storm resistant coverings
3. Conducting loading and unloading operations under cover whenever feasible. An awning has been installed over the shipping/receiving area for this purpose.
4. Elimination of exposed vehicle maintenance activities
5. Implementation of housekeeping practices to reduce exposure of process materials
6. Implementation of spill control and countermeasures plan

D. Provide a schedule for good housekeeping and maintenance (see Part 5.2.5.1) and a schedule for all inspections required in Part 4 (see Part 5.2.5.2). *

Housekeeping, inspection and maintenance schedule (all inspections and maintenance activities are documented in appropriate logs):

1. Garbage collections are scheduled weekly with the City of Albuquerque Solid Waste Department
2. Inspections of all pollution control measures are scheduled daily for pollution control equipment and tanks, monthly for all pollution control structures such as berms, diking and stormwater conveyances
3. Maintenance operations for pollution control equipment are scheduled through the Materion Corporation Corporate Department following manufacturer recommendation.
4. Spill Prevention and Control Procedures are documented in the Materion Corporation Spill Prevention and Countermeasure Plan (attached to SWPPP by reference).
5. Inspections of pollution control equipment are conducted daily
6. Employee training is conducted yearly and documented via the Materion Corporate training system

E: Endangered Species Protection

1. Using the instructions in Appendix E of the MSGP, under which endangered species criterion listed in Part 1.1.4.5 are you eligible for coverage under this permit? *

Criterion C – Discharges and discharge-related activities are not likely to adversely affect listed species and critical habitat

2. Provide a brief summary of the basis for the criterion selected in Appendix E (e.g., communication with U.S. Fish and Wildlife Service or National Marine Fisheries Service to determine no species in action area; implementation of controls approved by EPA and the Services). *

1. A search was conducted using the FWS IPAC tool. Results of the search, along with results of the Request for an Official Species List generated the list in 2.a below. The search did not find any critical habitat within the "action area".
2. The facility evaluated the potential for adverse affect to listed threatened or endangered species or designated critical habitat
- a. The facility backs on to the AMAFCA channel (Arroyo del Pino), a storm water drain which connects to the Rio Grande River (a critical habitat for the Silvery Minnow). There are areas of unpaved/informal discharge between the facility and the area of critical habitat. Therefore, the likelihood of impact from the facility's Action Area to the designated critical habitat area is low due to these unpaved informal drainage areas along the channel, in addition to the facility's distance to the Rio Grande. Materion Corp. believes that the facility has a low likelihood of impact to threatened and endangered species.

a. What federally-listed species or federally-designated critical habitat are located in your "action area." *

Federally listed species:

Southwestern Willow Flycatcher (*Empidonax traillii eximius*), Mexican Spotted owl (*Strix occidentalis lucida*), Sprague's Pipit (*Anthus spragueii*), Yellow-Billed Cuckoo (*Coccyzus americanus*), Rio Grande silvery minnow (*Hybognathus amarus*), New Mexico meadow jumping mouse (*Zapus hudsonius luteus*).

Federally designated Critical Habitat: There is no critical habitat within the action area.

b. Using the Criterion C Eligibility Form, check which of the following is applicable to your facility and answer any corresponding questions. *

I submitted my completed Criterion C Eligibility Form to EPA at least 30 days prior to submitting this NOI and agree to implement any controls that were determined by EPA to be necessary to ensure that my discharges and/or discharge-related activities will have no likely adverse effects on listed species and critical habitat.

☒ I submitted my completed Criterion C Eligibility Form to EPA at least 30 days prior to submitting this NOI and have not been notified of any additional controls necessary to ensure no likely adverse effects on listed species and critical habitat.

Date your Criterion C Eligibility Form was sent to EPA (in DD/MM/YYYY format) *

31 Jul 2015

* Note: After you submit your NOI and before your NOI is authorized, EPA may notify you if any additional controls are necessary to ensure your discharges have no likely adverse effects on listed species and critical habitat.

F: Historic Preservation

1. If your facility is not located in Indian country lands, is your facility located on a property of religious or cultural significance to an Indian tribe? *

☐ Yes ☒ No

2. Using the instructions in Appendix F of the MSGP, under which historic properties preservation criterion listed in Part 1.1.4.7 are you eligible for coverage under this permit *

Criterion B - Subsurface stormwater controls will not affect historic properties

Certification Information

Certifier E-Mail *

Armando.Zarrazola@Materion.com

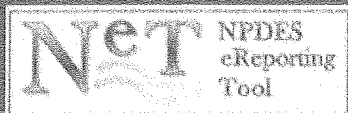
☒ Confirm Certifier: Armando.Zarrazola@Materion.com *

When you have completed this form, click this button to submit the form for processing. You will then be provided with further instructions should you have to provide supporting documentation.

To save a partially completed form for completion at a later date from a different computer, click the 'Save to NeT' button. Clicking this button will cause you to exit the form. You can then logon to NeT with your username and password at any time to complete this transaction.

Embedded Adobe XML Form

The file <https://net.epa.gov/enoi/servlet/SubmissionServlet> is an Adobe XML Form document that has been embedded in this document. Double click the pushpin to view.



Sorry An Error Has Occurred

Offline Save Not Available

Offline Save not permitted for this form.

Error Reference Number: **63539**

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Foote, Jennifer, NMENV

From: Armando.Zarrazola@materion.com
Sent: Friday, January 20, 2017 2:04 PM
To: Foote, Jennifer, NMENV
Cc: Daniel.Woodbridge@materion.com; 'Gooden-Jackson.Gladys@epa.gov'; 'houston.robert@epa.gov'; johnson.carol@epa.gov; 'Long.David@epa.gov'; 'peters.carol@epa.gov' (peters.carol@epa.gov); 'Whitten-Hill.darlene@Epa.gov'; Chavez, William, NMENV
Subject: Re: Revised Inspections
Attachments: 2015 SWPPP Refinery Rev 4.pdf; Spill Report 121216.pdf; Spill Report 121216 pictures.pdf; Spill Report Log 2016.pdf; Inspection checklist.pdf; SWPPP Schedules.pdf

Good morning Jennifer,

Having received your inspection reports from the 9th, I started working on the issues found at the refinery.

Attached please find our revised SWPPP, the spill report and log for the spill found on Dec. 12.16 and the monitoring report for the 1st quarter 2016 missed sample. Also attached are the schedules referenced on page 5 of the inspection checklist. Further, please note that the spill referenced on page 6 of the checklist happened on the same day of the inspection and not a week before. The security guard that accompanied us during the inspection told us that the spill had happened earlier that day, I am not sure how we gave you the impression that the spill was a week old.

I also attached the original report with my notes on it on where in the SWPP the correction was made.

Please note that the SWPPP has not been signed yet by the facility manager for Albuquerque, he has been traveling on company business. The signature, the training and the NOI submission will happen next week. I just thought I'd let you know I have not ignored the issues, I have been working on them since the report was received. I will update you next week on these three issues.

I will also start to work on the issues found at the north facility next week.

Regards,

Armando Zarrazola

Lab Manager

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MATERION

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Date: 01/20/2017 09:53 AM
Subject: Revised Inspections

The cover sheets for the inspections originally sent on January 9 had an incorrect date. Please use the attached versions instead, my apologies for the error.

NPDES CEI; Materion Advanced; NMU001927; December 12, 2016
NPDES CEI; Materion Refining; NMU001926; December 12, 2016

Thank you,

Jennifer Foote
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[attachment "NMU001927-20161212-r1.pdf" deleted by Armando Zarrazola/ALB/BWI] [attachment "NMU001926-20161212 r1.pdf" deleted by Armando Zarrazola/ALB/BWI]

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